

Cathguide

A Division of Scilog, Corp.

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NEW!

LCX Wires

Scilog Corp, parent to Cathguide, has introduced **LCX Wires**, a family of low cost, radiopaque, high conductivity wires. **LCX Wires** are available in stainless steel or Nitinol. **LCX Wires** can be plated with either gold or platinum or they can be coated. The applications best suited for these wires range from radiopaque coils for guidewires, high conductivity leads, stents, coils for aneurysms, flexible shafts for endoscopic devices, springs, and wires for EP catheters.

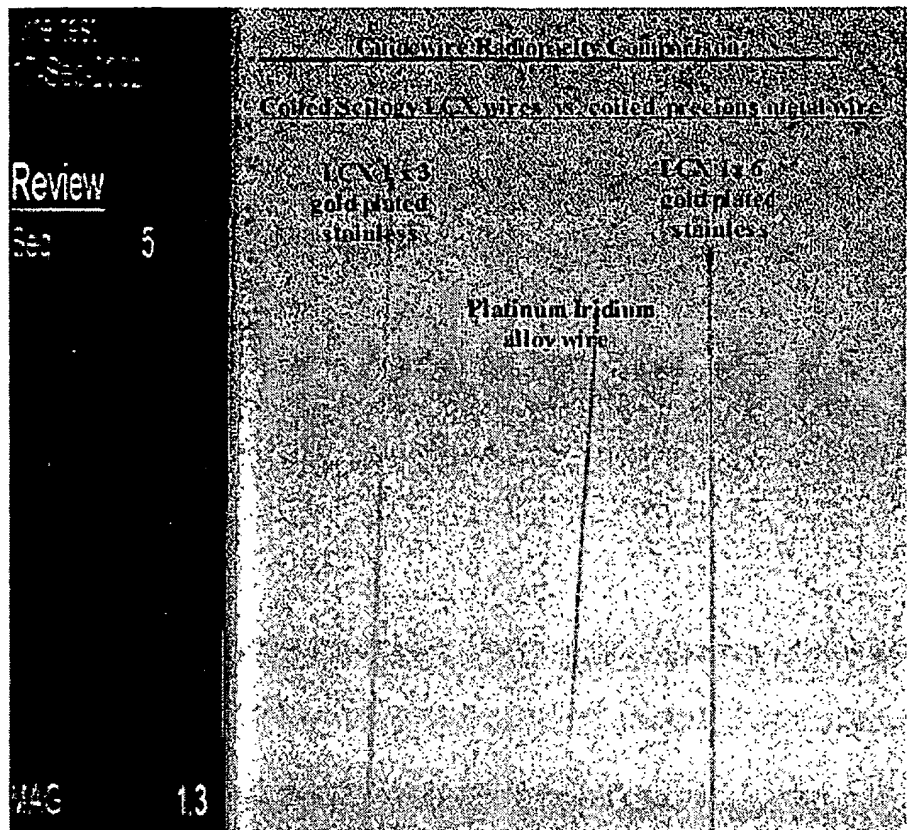
ADVANTAGES

The cost of precious metals and their alloys such as platinum-iridium, platinum-nickel and platinum-tungsten continues to increase. For example, today, the cost of an ounce of platinum is \$725, the cost of an ounce of platinum-iridium is \$650 and an ounce of platinum-tungsten is close \$700. To the manufacturer of medical devices, **LCX Wires** offer advantages such as significant reductions in the cost of wire when compared to precious metal wires -- depending on the quantity purchased, our wire can be between 50% and 75% less expensive. **LCX Wires** also offer reduced labor, less scrap and shorter assembly time.

To the end user of the medical device, the advantages of the **LCX Wires** are numerous. They can improve product performance by requiring less components to produce the same product, as is the case in guidewires, to higher conductivity and greater flex-life, as is the case with leads for pacemakers, defibrillators and neurostimulators.

MATERIALS

LCX Wires are available in stainless steel with either gold or platinum plating or coating utilizing Scilog's patented MFD[®] wires that, when plated, acquire comparable radiopacity (visibility under fluoroscopy) to precious metal wires. This characteristic is not achievable with common stainless steel wires -- even when plated. **LCX Wires** are also available as a composite wire using other materials, including Nitinol. See test results below.



LCX Wires can be ordered already coiled using wire diameters ranging from .001 inches up to .062 inches. Scilgy can provide a wide range of low cost coil designs using different materials. These designs can range from single to multifilar, tapered, close wound, variable pitch and custom coils -- coil lengths can be up to 80 inches long. Also, coils can be customized using various wire configurations that produce different levels of stiffness and, depending on plating thickness, more or less brightness can be offered when viewed under fluoroscopy.

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